

- 21 -

ABSTRACT

COMPOUNDS FOR THE TREATMENT OF DRYNESS OF THE OCULAR
SURFACE CAUSED BY PHOTOREFRACTIVE SURGERY

5

The blocking agents of the electrical activity of the damaged nerve endings of the neuroma can be used for the treatment of dryness of the ocular surface caused by photorefractive surgery, such as excimer laser 10 photorefractive keratectomy or laser-assisted in situ keratomileusis. The administration of said blocking agents, which include antiepileptics, anticonvulsants, anti-arrhythmic drugs, tricyclic antidepressants and local anaesthetics and, in particular, include 15 lidocaine, tocainide, phenytoin, carbamazepine, lamotrigine, mexiletine and pregabalin, effectively reduce the sensations of ocular dryness.